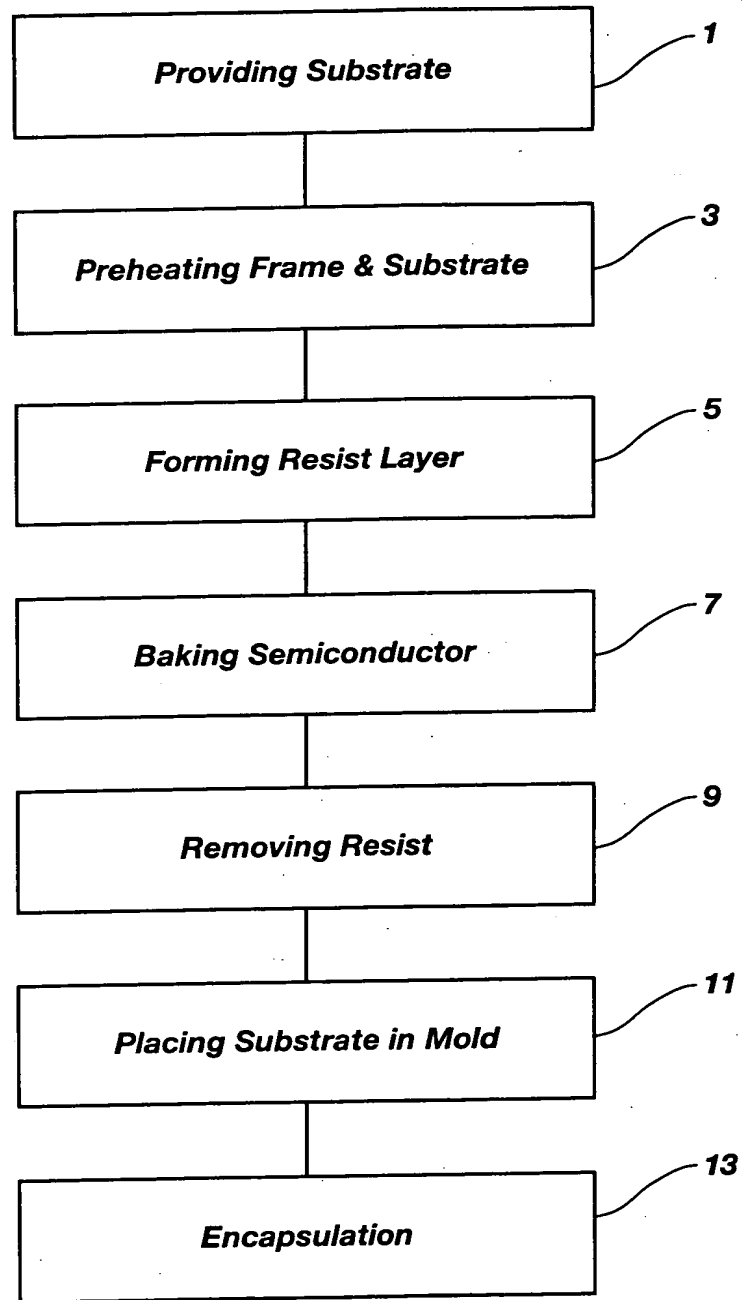
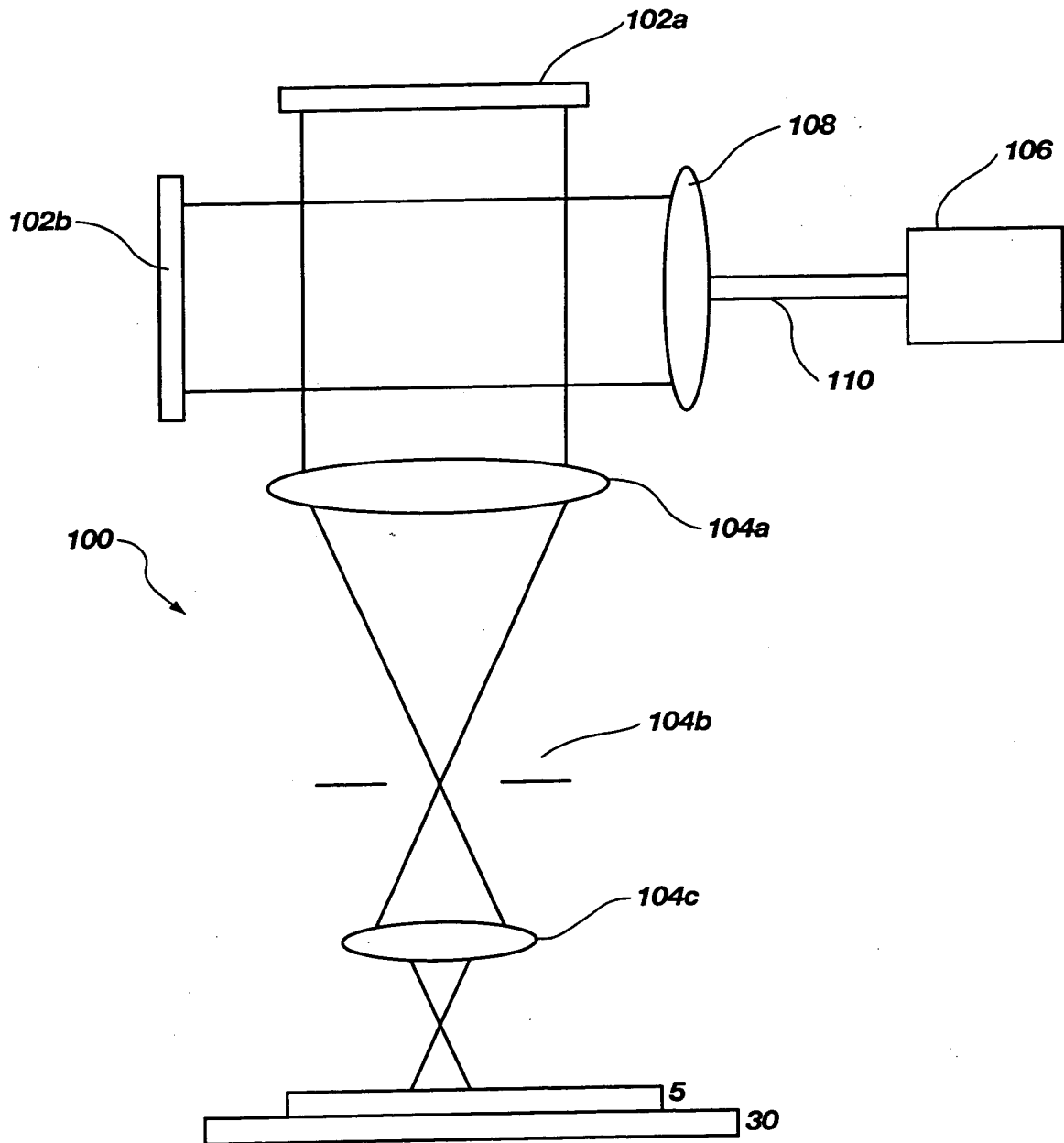


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**Fig. 1**



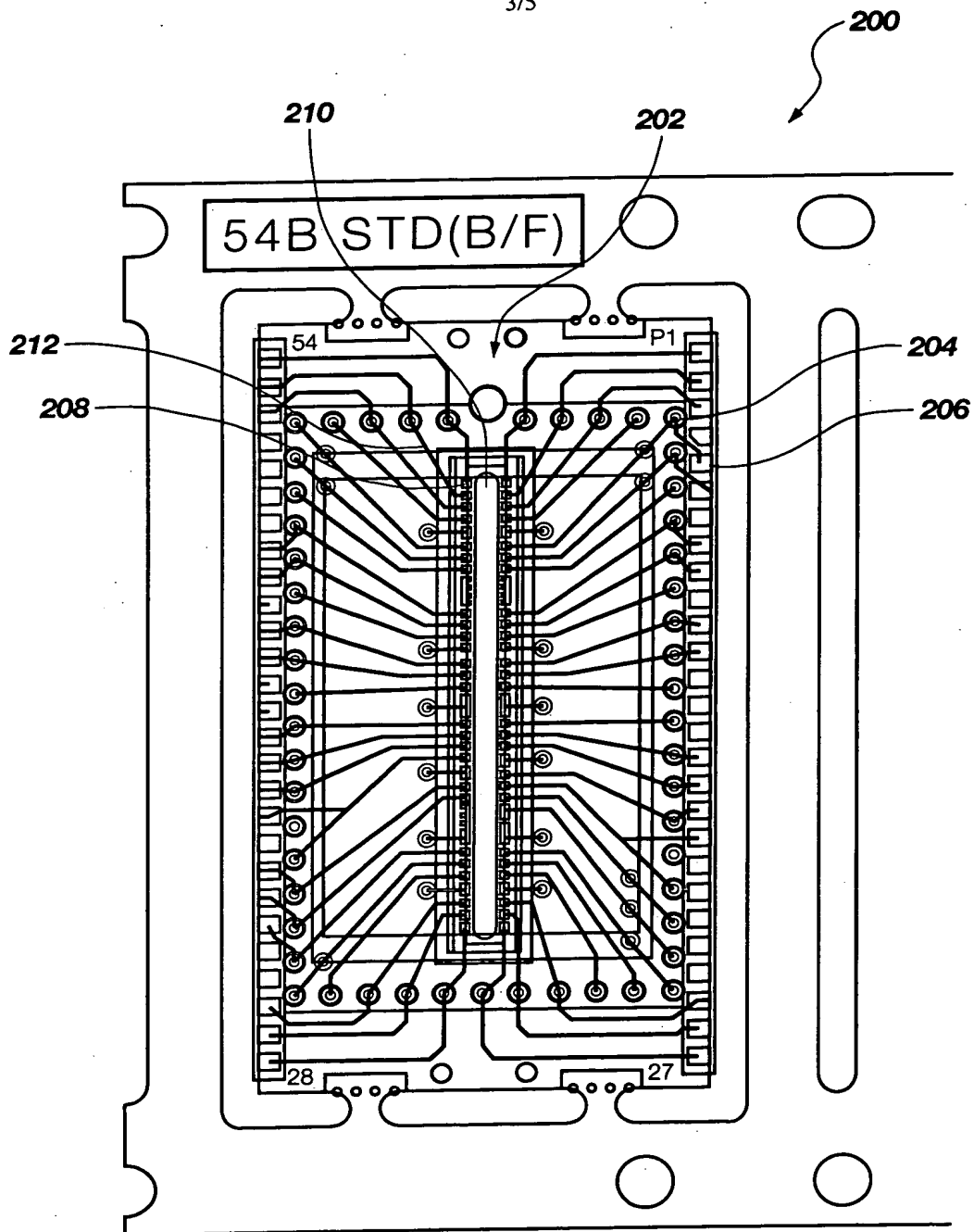
**Fig. 2**

TITLE: METHODS FOR PREPARING BALL GRID ARRAY  
SUBSTRATES VIA USE OF A LASER

Inventor: Frank L. Hall

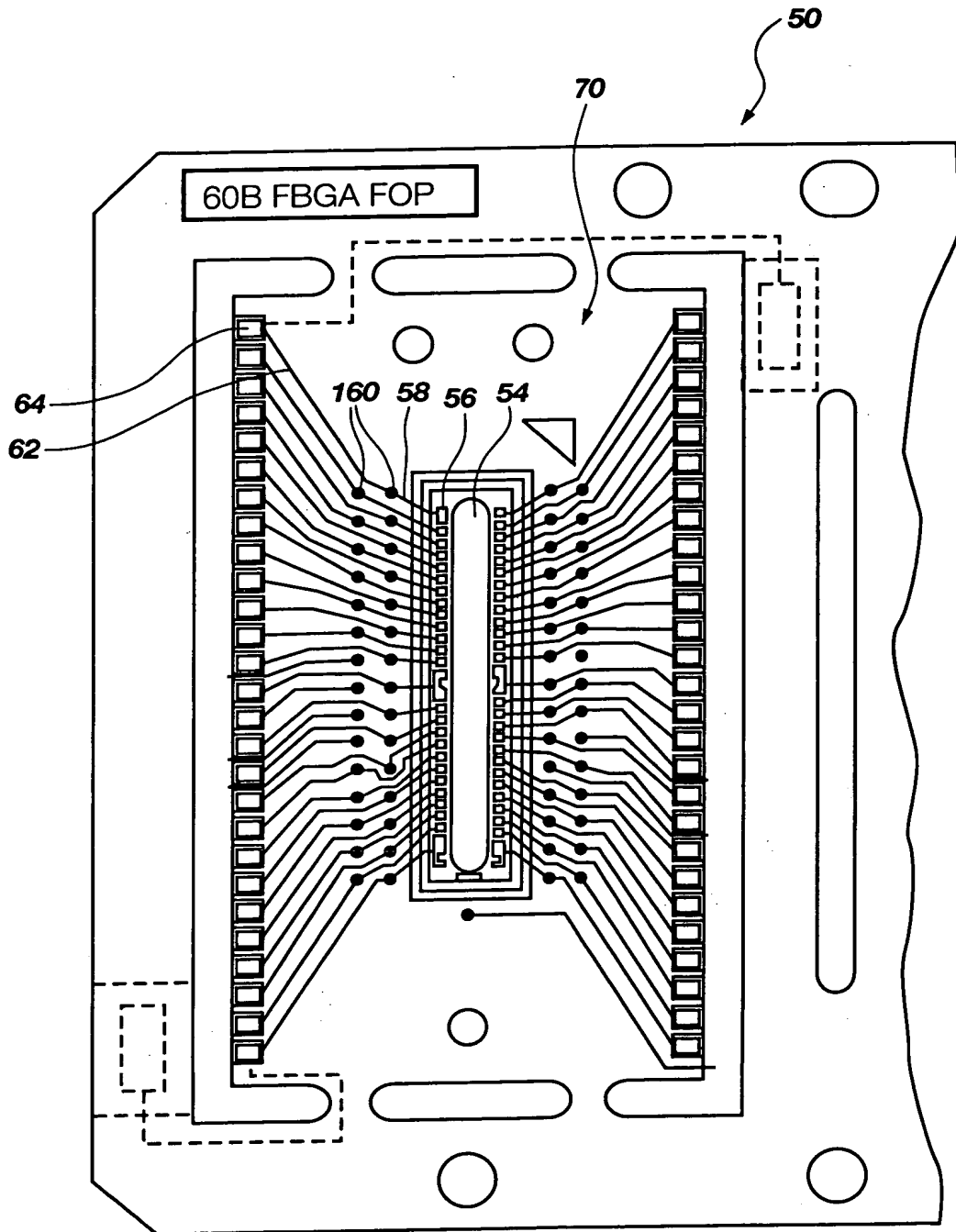
Docket No.: 4718.2US

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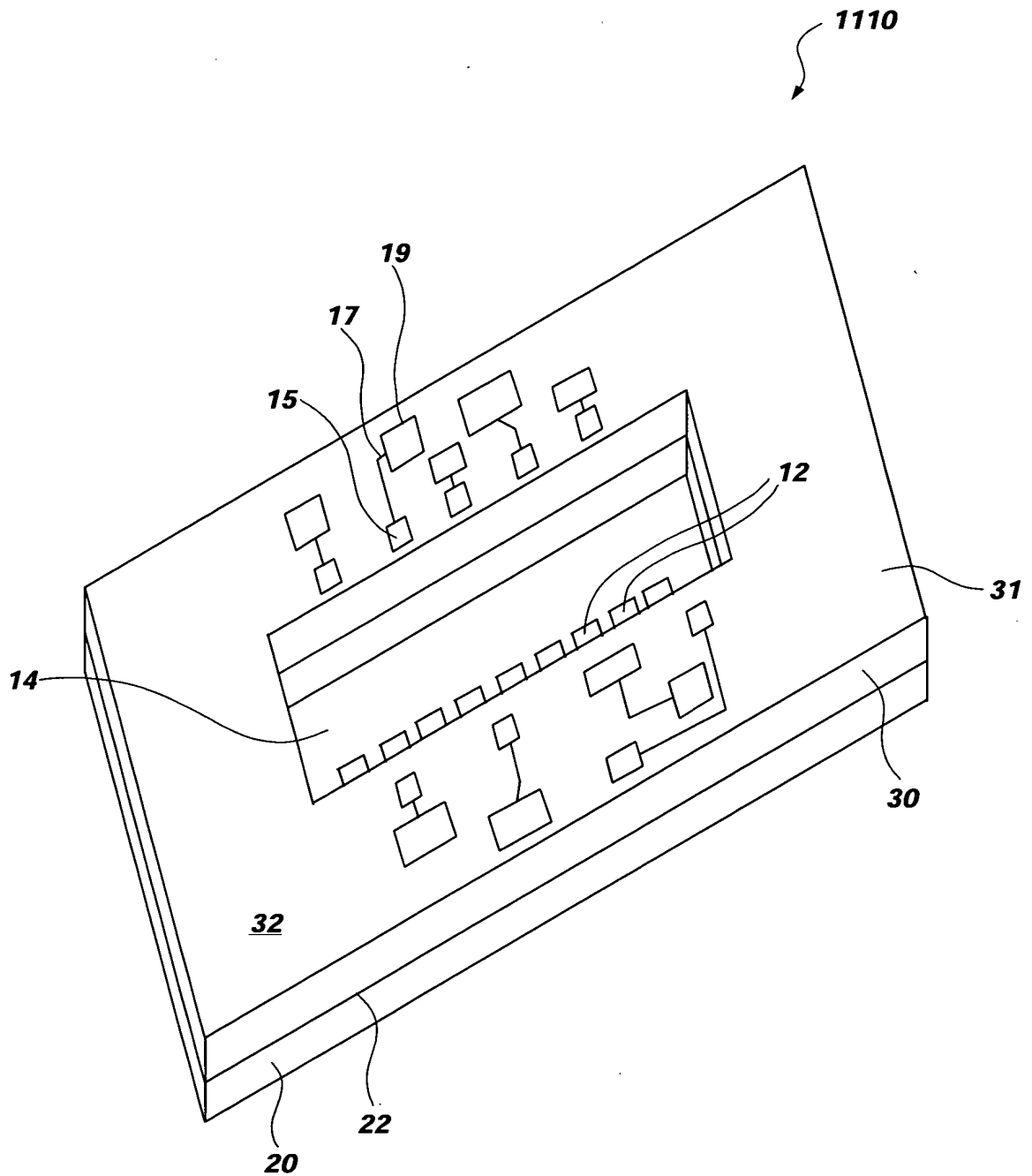
**Fig. 3**

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**Fig. 4**

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**Fig. 5**